PCA80156

15.6" expandable touch panel PC supporting 1366 x 768 display resolution, Intel Core i3-6100TE CPU, 2 x expansion slots, panel mount, and 9~36V DC power input.

- ▸ Aluminum die-casting front bezel with IP66 design
- ▸ 15.6 inch 1366 x 768 300-nit industrial LCD monitor
- ▸ Option for 1000-nit high brightness display
- ▸ Resistive touch screen, option for PCAP touch screen
- ▸ 6th Generation Intel Core i3-6100TE processor
- ▸ 1 x PCIe x1 + 1 x PCIe x16 expansion slot
- ▸ 4 x USB 3.0, 2 x LAN, 3 x COM, 1 x VGA, 1 x HDMI
- ▸ Modular concept with fan design and panel mount
- ▸ 9 to 36V DC power input, option for external AC power adapter

Description

The PCA80156 is a 15.6" expandable industrial touch panel PC with a full metal chassis and an IP66-rated aluminum die-casted front bezel design. The system is powered by the 6th Generation Intel Core i3-6100TE CPU and supports 2 x SO-DIMM memory, up to 32GB. The panel PC features abundant I/O ports such as 4 x USB 3.0, 2 x LAN, 3 x COM, 1 x VGA, 1 x line out, and 1 x mic-in. It provides 2 x expansion slots which offer the expandability to integrated versatile applications.

Technical Specifications

SPECIFICATION	VALUE
Material	Aluminum die-casting front bezel Steel rear metal chassis
LCD Panel	Size: 15.6 inch Resolution: 1366 x 768 Brightness (cd/m²): 300-nits, option for 1000-nits high brightness display Contrast Ratio (typ.): 500:1 Viewing Angle (H/V): 160° x 160° Colors: 16.7M MTBF (hrs): 50,000
Touch Screen	Type: Resistive or Projected Capacitive (optional) touch screen Interface (RT / PCT): USB / USB Light Transmission (RT / PCT): Over 80% / Over 90%

Specifications subject to change without notice.

System	CPU: 6th Generation Intel Core i3-6100TE Option for 6th Gen. Intel Core i5-6500TE or i7-6700TE CPU Chipset: Intel H170 Chipset Memory: 2 x 260-pin SO-DIMM, up to 32GB DDR4 2133MHz
Storage Device	2 x 2.5" SATA SSD space
I/O Ports	4 x USB 3.0 type A 2 x RJ-45 GbE LAN 1 x RS-232/422/485 DB-9, COM1(default RS-232) 1 x RS-232 DB-9, COM2 1 x RS-422/485 DB-9, COM3(default RS-485) 1 x Line-out/1 x Mic-in 1 x VGA by DB-15 1 x HDMI with cover 1 x System LED indication at front 2 x LED indicators for HDD/system 1 x Power switch on/off 1 x 3-pin terminal block for DC power input 1 x 2-pin power switch
Expansion Slot	1 x PCIe x1 + 1 x PCIe x16 slot
Mounting	Supports panel mount
Power Supply	Power Input: 9 to 36V DC power input Power Consumption: Max. 78.6W Option for external AC power adapter
Weight	14.33 lb / 6.5 kg
Dimension	16.22"(W) x 8.96"(H) x 3.54"(D)
Environmental	Operating Temperature: 0°C to 50°C Storage Temperature: -30°C to 70°C Relative Humidity: 10%~95% @ 40°C, non-condensing IP Rating: Front IP66 rated bezel
Safety	CE, FCC Class A
Operating System	Option for Windows 7 Pro 64bit / Windows 7 Embedded Standard / Windows 10 Pro 64bit

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